ENHANCED DEBRIEFING & GROUND EVALUATION SYSTEM (EDGE)

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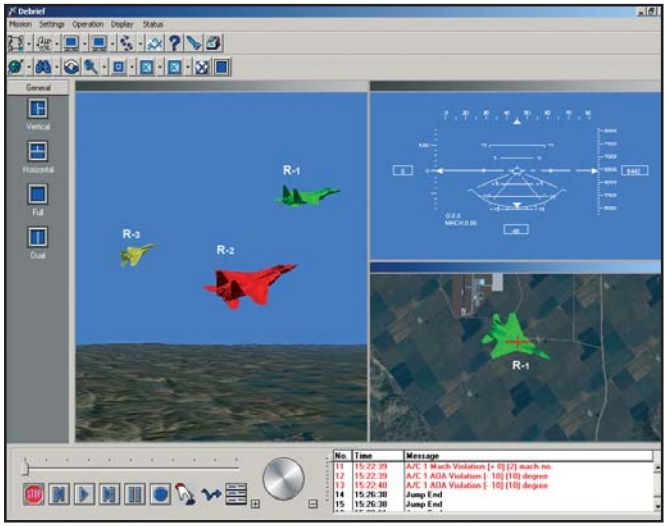
Elbit Systems' EDGE (former AACMI), is an advanced PC-based application using in-flight aircraft data, video and audio recordings to assure comprehensive, effective post-flight debriefing and analysis. The system is a cost-effective solution for operational and training flights debriefing for a wide range of fixed and rotary wing aircraft. EDGE is an autonomous (rangeless and podless) system, integrated in the avionics suite. All flight data (location, gauges, systems status, video and audio) is recorded during flight. The flight data of multiple aircraft is retrievable post-flight by EDGE which subsequently generates a synchronized, complete flight review, featuring video, 2D and 3D displays of all participating aircraft.

Key Features

- Plug & Play capability
- Event-driven debrief and Jump capability
- Full session control: play, pause, search and slow control
- Multiple debrief views displayed simultaneously
- Flight Review may be viewed from every viewpoint, outside or inside participating cockpits
- Aircraft relative parameters displayed graphically over dynamic graphs
- A/A missile simulation of actual or fictitious missile releases

Major Advantages

- Autonomous system, enabling flight debriefing without flying over ACMI range
- Integrated system, requires no pod
- Based on leading commercial tools for User Interface enables fast, easy operation using wireless mouse or trackball
- Supports digital or analog video recording, single or multiple source
- Suitable for small or large audience debrief
- Core architecture enables easy addition of new features and capabilities
- Modular, adaptable, compatible with any aircraft
- Interfaces with existing avionics systems